Estimate of the approximate quantities for constructing Main Drain in Chamarajanagar.

No.	Particulars	Unit	Quantity
1	Constructing main drain of trapezoidal section $\frac{3\frac{1}{2}'+2\frac{1}{2}'}{2}\times 2\frac{1}{2}'$ with side walls.		
	(*a*) $\frac{1\frac{1}{2}'+2'}{2}\times 2\frac{1}{2}'$ of size stone in surki mortor on 1 foot thick surki concrete bed with $1\frac{1}{4}'$ diameter semicircular channel in the centre, the curved surface being plastered with $\frac{1}{2}''$ cement plastering and flat surface covered with 3″ thick burnt stone slabs and the joints cement-pointed including earthwork as per design	R.ft.	850
2	Constructing main drain of trapezoidal section $\frac{4'+3'}{2}\times 3'$ with side walls		
	$\frac{1\frac{1}{2}'+2'}{2}\times 3'$ of size stone in surki mortor on 1 foot thick surki concrete bed with $1\frac{1}{2}'$ diameter semicircular channel in the centre, the curved surface being plastered with $\frac{1}{2}''$ cement plastering and flat surface covered with 3″ thick burnt stone slabs and the joints cement-pointed, including earthwork, as per design	,,	500

B. R. GARUDACHAR,
Sanitary Engineer.

BUILDINGS DIVISION, BANGALORE.

Notification dated the 18th December 1935.

Notice is hereby given that the abstract estimates for the "Construction of Telephone Exchange Buildings at Bangalore" as published in pages 2239 to 2243 of Part VI of the *Mysore Gazette* of the 12th December 1935, is modified as hereunder and therefore the tender for the work should be submitted in printed forms as per present modifications only.

2. This form as modified supersedes the original abstract portion and the last date of receiving tenders is consequently postponed to 11th January 1936. The other conditions such as earnest money deposit, etc., remain unchanged.

Abstract estimate of quantities for constructing Telephone Exchange Buildings at Bangalore (modified).

No.	Items of work	Unit	Rate	Quantity	Rate to be quoted
	GROUND FLOOR.		Rs. a. p.		
1	Excavating foundations and filling in basement with watering and consolidating	C.yd.	0 4 6	485	
2	Broken stone jelly concrete in lime mortar with tamping in layers of 6″ thick	C.ft.	0 4 0	4,915	
3	Size stone in mortar with bond stones, 6 ft. apart for foundations	,,	0 4 6	4,885	
4	Size stone in mortar with bond stones, 6′ apart all quoins neatly dressed 2″ wide for basement	,,	0 5 0	878	
5	Burnt stone slabs 6″ thick, two line dressed for the outer walls of basement and one line dressed for all other faces	S.ft.	0 6 0	606	
6	Burnt stone slabs, 6″ thick, one line dressed for cills and lintels of windows, doors, and ventilators and for inner walls of basement	,,	0 5 0	963	
6 (a)	Cut stone skirting 9″ high 7″ thick and in length to suit two line dressed	R.ft.	0 12 0	250	

6 C

No.	Items of work	Unit	Rate	Quantity	Rate to be quoted
			Rs. a. p.		
7	Burnt size stone in lime mortar with bond stones 6 ft. apart with both faces one line dressed for superstructure	C.ft.	0 6 6	7,138	
	(a) Extra thickness of walls between cross wall and stair case	,,	0 6 6	200	
8	Partition wall with H.B. Hoop iron or other wall reinforcement in every third course 4½″ thick, including plastering and cement mortar 1 : 4 ..	S.ft.	0 8 0	546	
9	Plastering with chunam mortar, for brick walls including roundings off all projecting corners with cement mortar 1 : 4 for a width of 3″ both sides	Sqr.	3 0 0	61·70	
10	Pointing the stone masonry with Snow crete (1:2 of sand) and lining nicely	,,	2 12 0	30·08	
11	White washing two coats where necessary ..	,,	0 4 0	61·70	
12	Rolled steel girders as per B.S.S., including lifting and hoisting and boxing with cement mortar and terrace brick reinforced with galvanized steel tax wirenet tied alround	Cwt.	9 0 0	139·53	
13	Teakwood new staircase, 12 inches tread plus ¾ nosing 6″ rise with platform, width of step 4′–6″, including ceilings with ¾″ thick planks, complete with Delux varnish	S.ft. or Visible thread.	2 8 0	153	
	or				
13 (a)	Raw stone cantilever stair 4′—0 projection 13″ tread plus 6″ rise with 1′—6″ anchorage as in Town Hall (Geometrical State) etc., complete two line dressed	,,	,,	,,	
14	Teakwood railings with turner ballusters with top and bottom rails 3″×5′, including Delux varnish for ballusters and wax polish for hand rail	R.ft.	2 8 0	30	
15	Cement perforated ventilators as per design to be furnished, 1½″ thick with 2″ thick, 2″ wide alround one per cent reinforcement neatly finished with splayed front beads in relief ..	Sq. ft.	0 10 0	40	
16	Dressed stone cornice canopy 6″ thick, 3 line dressed 2′–6″ projection with ribbed front and throater ceiling as per design	,,	1 0 0	72	
17	Two line dressing alround the frontage of the building to a width of 4 ft. or dressing two lines for stone slabs and wherever necessary to the corners of the Building	,,	0 5 0	640	
18	Three line dressing at the corners of the Building 8″ vide alround the building as shown in the Elevation	S.ft.	0 8 0	400 L.S.	
19	Roofing with reinforced concrete 1: 2 : 4 6″ thick to take a superload of 1½ cwts. in ground and first floor or intermediate floors and 80 lbs. in second floor roof with an extra floor finished of 1½″ on top with red cement cut to design of tiles in ground and first floor roof only and with expansion joints where necessary and laid to proper slope for washing and with ceiling plaster with finely ground lime mortar as per design with covering and off-sets and with surki concrete 4″ thick with two courses of flat tiles for roof	Sqr.	80 0 0	27·44	
20	Flooring with cement concrete 1 : 2 : 4, 1½″ thick on 6″ lime concrete with topping of red cement ¼″ thick furnished with ironite 2½ lbs. per sqr., and cement to the required pattern where required with all corners rounded and with skirting of coloured cement 1″ thick for walls as per design	,,	25 0 0	24·90	

No.	Items of work	Unit	Rate	Quantity	Rate to be quoted
			Rs. a. p.		
20(a)	Skirting of coloured cement $\frac{1}{4}$″ thick 1″ thick cement concrete 1:2:4 with topping of (9″ high) for walls as per design	R.ft.	0 1 0	320	
21	Teakwood door with frames 3″× 5″ without bottom sills and having partly $\frac{1}{3}$ panelled and $\frac{2}{3}$ glazed shutters, (translucent, $\frac{1}{8}$″ thick $1\frac{3}{4}$″ thick, including acure brass fittings, *i.e.*, rim door locks with handles, six 6″ brass hinges and three finger plate 12″×4″ as per design and 2 six inch hooks and barrel bolts of suitable size, brass screws, etc., including Delux water-proof varnish two coats and with Teakwood perforated ventilators above as per design ..	S.ft.	1 12 0	296	
22	Teakwood windows, 3″×5″ frame work $1\frac{1}{2}$″ thick glazed shutters opening out side into four halves with ventilators at top, including iron bars $\frac{3}{4}$″ dia. at 4″ apart for ground floor only and without iron bars for the other floors brass hinges, brass hooks, 2″ rings and cement adjusting stays, etc., complete, including two coats Delux varnish	S.ft.	2 0 0	528	
23	Paving the slabs outside the building, 3″ to 4″ thick and pointed with cement	,,	0 5 0	476	
24	Exrta cost for foundations if necessary for soft pockets and for varying level of basement ..	C.ft.	0 5 0	2,000	
	FIRST FLOOR.				
1	Burnt stone slabs, 6″ thick one line dressed for sills and lintels of windows, doors and ventilators ..	S.ft.	0 5 6	627	
2	Burnt size stone in lime mortar with bond stones 6 ft. apart with both faces one line dressed for superstructure	C.ft.	0 7 0	4,930	
3	Extra thickness of wall between cross wall and staircase	,,	0 7 0	150	
4	Partition wall with H.B. Hoop iron or other wall reinforcement in every third course, $4\frac{1}{2}$″ thick including plastering with cement mortar 1 : 4.	S.ft.	0 8 6	397	
5	Plastering with chunam mortar for brick walls including rounding off all projecting corners with cement mortar 1 : 4 for a width 3″ both sides	Sqr.	3 4 0	50·00	
6	Pointing to stone masonry with Snow crete (1: 2 of sand) and lining nicely	,,	3 0 0	22·68	
7	Whitewashing two coats, where necessary ..	,,	0 4 6	50·00	
8	Rolled Steel Girders as per B.S.S., including lifting and hoisting air boxing with cement mortar and terrace brick reinforced with galvanised steel tex wire net tied alround	Cwt.	9 8 0	13·58	
9	Teakwood new staircase 13″ tread 6″ rise with platforms, width of steps, 4′–6″, including ceiling with $\frac{3}{4}$″ planks complete with Delux varnish.	S.ft. or Visible thread.	2 12 0	9·80	
9(a)	Raw stone cantilever stair 4′—0″ projection 13″ tread and 6″ rise with 1′—6″ anchorage as in Town Hall (Geometrical state), etc., complete two line dressed	S.ft.	,,		
10	Teakwood railing with turner ballusters with top and bottom rails, 3″×5″, including Delux varnish for ballusters and wax polish for hand rails	R.ft.	2 12 0	34	
11	Cement perforated ventilators as per design to be furnished $1\frac{1}{2}$″ thick with 2″ thick, 2″ width alround one per cent reinforcement neatly finished with splayed front beads in relief ..	S.ft.	0 10 6	48	
12	Two line dressing alround the frontage of the building to a width of 4 feet or dressing 2 lines for stone slabs and wherever necessary to the corners of the Building	,,	0 5 6	640	

No.	Items of work	Unit	Rate	Quantity	Rate to be quoted
			Rs. a. p.		
13	Three line dressing at the corners of the building 8″ wide alround as shown in the Elevation.	Sft.	0 9 0	100	
14	Burnt stone circular pillars, three line dressed, total 19′ high, including caps and pedestals and bases average diameter of the shaft 1½′ with required caps, bases and pedestals as per design to be furnished	C.ft.	5 0 0	68	
15	Roofing with reinforced concrete, 1: 2 : 4 6″ thick to take a superload of 1½ cwts. in ground and first floors or Intermediate floors and 80 lbs. in second floor roof, with an extra floor finish of 1½″ on top with red cement cut to design of tiles in ground and first floor roof only and with expansion joints where necessary and laid to proper slope for washing and with ceiling plastered with ground lime mortar as per design with covering and off-sets and with surki concrete 4″ thick with 2 coats of flat tiles for roof	Sqr.	86 0 0	28·05	
15(a)	Skirting as per item 20 a. G.F.	R.ft.	0 1 0	320	
16	Teakwood door as per item 21 G.F.	S.ft.	1 14 0	171	
17	Teakwood windows, 3″×5″ framework with 1½″ thick glazed shutters, opening out side in four halves with ventilators at top, brass hinges, brass hooks, 2″ rings and cement adjusting stays, etc., complete, including two coats Delux varnish	,,	2 2 0	468	
18	Wrought iron ornamental railing between pedestal of balcony in First floor below window, flush with the wall in second floor with thin C. I. hand rail 3½″×1¾″ and horizontal flats 1¼″×⅜″ and vertical ¾″ square as per design ..	R.ft.	3 0 0	7	
	SECOND FLOOR.				
1	Burnt stone slabs, 6″ thick one line dressed for sills and lintels of windows, doors and ventilators..	S.ft.	0 6 0	646	
2	Burnt size stone in lime mortar with bond stones 6 ft. apart with both faces one line dressed for superstructure	C.ft.	0 7 6	3,209	
3	Extra thickness of wall between cross walls in staircase	,,	0 7 6	100	
4	Burnt brick in lime mortar for cross walls ..	,,	0 5 6	1,054	
5	Partition wall with H.B Hoop iron or other wall reinforcement in every third course, 4½″ thick, including plastering with cement mortar. 1: 4.	S.ft.	0 9 0	410	
6	Plastering with chunam mortar, for brick walls including rounding off all projecting corners with cement mortar 1: 4 for a width 3″ both sides	Sqr.	3 8 0	51·00	
7	Pointing the stone masonry with snow crete and lining nicely, if required	Sqr.	3 4 0	23·24	
8	Whitewashing two coats where necessary ..	,,	0 5 0	51·06	
9	Rolled steel girders as per B.S., including lifting and hoisting, air boxing with cement mortar and terrace brick reinforced with galvanised steel tex wire net tied alround	Cwt.	10 0 0	116·875	
10	Cutting engraving letters "Telephone Exchange" in two rows in slabs	Each	2 0 0	25	
11	Cement perforated ventilators as per design to be furnished 1½″ thick with 2″ thick, 2″ wide alround one per cent reinforcement neatly finished with splayed front beads in relief ..	S.ft.	0 11 0	48	
12	Two line dressing alround the frontage of the building to a width of 4 feet or dressing 2 lines for stone slabs and wherever necessary to the corners of the building	,,	0 6 0	960	

No.	Items of work	Unit	Rate	Quantity	Rate to be quoted
			Rs. a. p.		
13	Three line dressing at the corners of the building 8″ wide alround the building as shown in the elevation	S.ft.	0 10 0	250	
14	Roofing with reinforced concrete 1 : 2 : 4 6″ to take a superload of 1½ cwts. in ground and first floor or intermediate and 80 lbs. in second floor roof with an extra floor finish of 1½″ on top with red cement cut to design of tiles in ground and first floor roof only and with expansion joints where necessary and laid to proper slope for washing and with ceiling plastered with ground lime mortar as per design with covering off-sets and with surki concrete 4″ thick with two courses of flat tiles for roof	Sqr.	80 0 0	30.24	
14(a)	Skirting as per item 20 a. G.F.	R.ft.	0 1 0	320	
15	Cut stone parapet two line dressed as per marginally noted sketch, *i.e.*, bottom course fluted ¾ with 6″ slab and the top course being 6″ thick and cut to the shape and middle courses being size stones 18″ thick one line dressed on face to a depth of an 1 foot	R.ft.	3 0 0	198	
16	Do the height of parapet 4½′ high as per design shown and details to be furnished for the front.	,,	10 0 0	28	
17	Rain water down-pipes (C.I., 4″ sqr.) including suitable bell mouth at top and bend at bottom.	,,	2 0 0	18×40	
18	Teakwood door as per details items 21 in G.F. ..	S.ft.	2 0 0	144	
19	Teakwood windows, 3″×5″ framework, with 1½″ thick glazed shutters opening outside in four halves with ventilators at top, brass hinges, brass hooks, etc., 2″ rings and cement adjusting stays, etc., complete including two coats Delux varnish	,,	2 4 0	396	
20	Wrought iron ornamental railing between pedestal of balcony in first floor below window flush with the wall in second floor, etc., as per detail item 18 F.F.	R.ft.	3 0 0	4	

Notification dated 23rd December 1935.

Notice is hereby given that sealed tenders will be received at the Office of the Executive Engineer, Buildings Division, up to 22nd January 1936 (2 P.M.) for enclosing the open courtyard in the First Floor of District Office buidings and forming two halls, at Bangalore. An approximate estimate of quantities is given below. These quantities are not guaranteed. The work should be completed by the end of June 1936.

2. The plans, detailed estimate and conditions may be seen at the Executive Engineer's Office at Bangalore, between the hours of 11 A.M. and 5 P.M.

3. Tender should be submitted on printed forms which may be obtained from the Executive Engineer. The tenders should be accompanied by a statement in the form given below, showing the rates at which the different items specified will be executed.

4. Each tender must be accompanied by a deposit of Rupees 175 (one hundred and seventy-five only) in cash or Government Promissory Notes, as earnest money, and be superscribed "Tender for enclosing the open courtyard in the First Floor of District Office Buildings and forming two halls, at Bangalore" in default of which, tenders will be rejected.

5. The final acceptance of any tender will rest with the Executive Engineer, who does not bind himself to accept the lowest or any tender or to assign any reason whatever for the rejection of any tender.

6. Within eight days of the acceptance of the tender, the successful competitor will be required to execute the usual contract bond, in default of which, his tender will be considered cancelled, and his earnest money will be forfeited.

7. The name of the successful competitor, whose tender has been accepted, will be posted on the Notice Board in the Executive Engineer's Office in due course. No enquiry regarding the acceptance or rejection of a tender will receive any reply.

8. On acceptance of one of the tenders, the earnest money on rejected tenders will be returned.

9. Rates once tendered will not be enhanced on any account.

10. Rates for non-tendered and non-estimated items shall be as per schedule rates of the Department or those fixed by the Executive Engineer after working out data with not more than 10 per cent for contractor's profit.

11. In all matters not specifically provided for and in all matters of dispute about rates, quantities, measurements, quality of works, etc., and in all disputes of any kind, the decision of the Executive Engineer will be final and legally binding.

12. Quotations must be given in words as well as in figures and they must be in specific term of unit shown against each item of work. Any quotation quoted at so much percentage less or more than estimated rate will not be accepted.

13. Transfer of works to third parties by selected contractor will not be countenanced by the Department and in the case of any such attempt the earnest money is liable to be forfeited at the discretion of the Superintending Engineer.

Abstract estimate of quantities for enclosing the open yard in the First Floor of the District Office, Bangalore.

Sl. No.	Items of work	Per	Rate	Quantity	Rates to be quoted.
			Rs. a. p.		
1	Dismantling the parapet wall above roof level of the First Floor and removing debris to a considerable distance	C.ft.	0 6 0	270	
2	Wire-cut brick in mortar for dwarf wall above existing roof	,,	0 10 0	328	
3	Plastering with chunam mortar for new wall alround	Sqr.	3 8 0	11·41	
4	White washing, two coats	,,	0 4 6	11·41	
5	Burnt stone slabs, 6" thick, one line dressed for bearing slabs of trusses and lintels over ventilators	S.ft.	0 6 3	115	
6	Teakwood ventilators 3"×4" frame with moveable glazed shutters with three coats of gray silicate paint outside and super spar varnish outside ..	S.ft.	1 8 0	219	
7	Steel trusses as per design with rise 3 to 1, including hoisting and fixing, including two coats of red lead paint	Cwt.	15 0 0	22	
8	Do Trapezoidal trusses to support hip rafters, etc., complete as per design	,,	15 0 0	7	
9	R. C. lintels over ventilators of end spans of longl. walls to support trapezoidal trusses	C.ft.	2 0 0	25	
10	Teakwood wrought and put up with wood oiling for purlins and hip rafters	,,	5 0 0	141·12	
11	Roofing with 9-32" Trafford red coloured sheets including fixing with couch screws, washers, etc., complete, including hip pieces, ridges and apron pieces	Sqr.	62 8 0	21·08	
12	Fixing Basel Mission glass tiles (Mangalore Pattern), in the roof over wall hole	Each	1 2 0	20	
13	Flooring with 1½" cement concrete patent stone, finished with smooth surface and neat red cement ⅜" thick cut to tiles, flooring to be done after scraping old surface mortar and with expansion joints	Sqr.	20 0 0	11·02	

N. KRISHNA IYENGAR,
Executive Engineer.